

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

Number ST01637NY-D

*This certificate issued to*

PATS Aircraft, LLC.  
21652 Nanticoke Avenue  
Georgetown, DE 19947

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.*

*Original Product -- Type Certificate Number:* A16WE

*Make:* Boeing

*Model:* 737-700IGW

*Description of Type Design Change:*

Installation of an executive interior in accordance with DeCrane Aircraft Master Drawing List BBJ0104, Revision E dated March 4, 2003; Master Data List 5070-0000-MDL, Revision B dated January 8, 2004; and PATS Aircraft, LLC Master Drawing List 6303-0001-MDL, Revision B dated March 22, 2009.

*Limitations and Conditions:*

1. PATS Aircraft, LLC Airplane Flight Manual Supplement No. 122, Revision C, FAA approved March 25, 2009, is required for this installation.
2. PATS Aircraft, LLC Maintenance Manual Supplement Report No. TO-1544, Revision B dated January 15, 2009 or later FAA approved revision, is required for this installation.
3. The installation of STC ST09100AC-D is required for this modification.

(See continuation sheet 2)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application :* October 10, 2002

*Date reissued :* February 18, 2004, July 20, 2004

*Date of issuance :* March 5, 2003

*Date amended :* January 13, 2004, March 25, 2009



*By direction of the Administrator*

A handwritten signature in black ink, appearing to read "David E. Warner".  
(Signature)

David E. Warner  
DAS administrator  
DAS-955292-NE

(Title)

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

*Number* ST01637NY-D

Date: March 25, 2009

*Limitations and Conditions* (Continued):

4. The following exemptions have been granted from 25.785(h)(2), 25.807(d)(7), 25.812(e), 25.813(e) and 25.853(d):
  - a. Exemption No. 6820, dated October 5, 1998.
  - b. Exemption No. 6820A, dated February 17, 1999.
5. Items that do not comply with appropriate certification basis are described in DeCrane Aircraft document number TO-1590, Revision IR, titled "FAR Part 25 Non-Compliant Items" and are accepted by the United Arab Emirates, General Civil Aviation Authority (GCAA). This aircraft, when modified by this STC, is NOT eligible to be registered in the United States. The following non-compliant items have been accepted by the GCAA:
  - a. Dynamic seat testing for passenger seats, FAR 25.562, Amendment 64.
  - b. Firm handhold requirement, FAR 25.785(J), Amendment 72, in VIP Lounge, VIP Stateroom and the First Class Lounge.
6. This modification has been evaluated in accordance with AC120-42A, paragraph (8). This installation has no adverse effect on the previously approved ETOPS capability of the type certificated aircraft. This finding does not constitute approval to conduct extended range operations.
7. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.
8. Compatibility of this design change with previously approved modifications must be determined by the installer.

*Certification Basis:*

Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for changes that are not significant in FAA Order 8110.48, the certification basis for these modifications are as follows:

The existing type certification basis for Boeing Model 737-700IGW series as shown on FAA type certificate data sheet A16WE, along with the following exceptions:

25.981 Amendment 25-125

**Part 26 regulations**

Per 14 CFR para. 21.101(g), applicable provisions of 14 CFR Part 26 must be met.

...END...



**DECRANE AEROSPACE**  
*PATS Aircraft Completions*

21652 Nanticoke Avenue  
Georgetown, DE 19947 USA  
Tel: 302.855.5888  
Fax: 302.855.5801

March 25, 2009

Attention: Anthony Socias  
Federal Aviation Administration – NYACO  
1600 Stewart Avenue, Suite 410  
Westbury, NY 11590

Subject: STC ST01637NY-D Transmittal

Dear Mr. Socias,

In accordance with our DAS Manual procedures, I have issued Supplemental Type Certificate (STC) ST01637NY-D for installation of executive interior (CMS/ ITAN Upgrade) in Boeing 737-700IGW (YG007) Aircraft (per DAS Project No. DAS-GED-P076).

Based upon my review of the data presented and results of the successful conformity inspections, I am issuing STC ST01637NY-D, date amended March 25, 2009, approving the installation.

Fabrication of parts under this STC shall be in accordance with PATS Aircraft, LLC. Master Drawing List 6303-0005-MDL, revision B dated March 22, 2009.

A copy of this STC must be maintained as part of the permanent records for the aircraft.

If you have any questions, please do not hesitate to contact me.

Sincerely,

David E. Warner  
VP & Administrator of DAS-955292-NE

DEW/vg

Enclosure

Cc: Scott Coyne (QC), Steve Etmanski, George Duckett - NYACO (OMT Lead), Doc. Control,  
DAS file, Project Book